

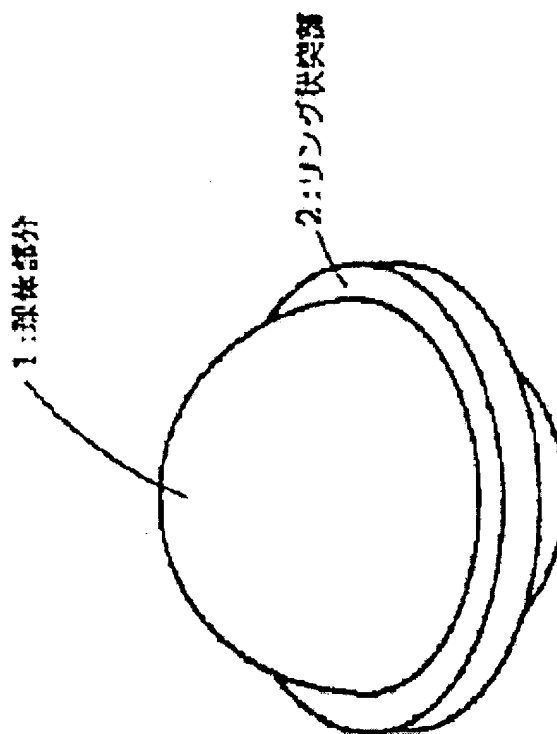
BALL FOR GRINDING, STIRRING AND MIXING RAW MATERIAL

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Abstract of JP4293557

PURPOSE: To efficiently grind a raw material within a short time by forming a ball from a composition containing a specific wt.% of one or more kind of carbide, nitride and carbonitride of a specific metal and a specific wt.% of Co and also containing tungsten carbide and inevitable impurities as residual components.

CONSTITUTION: A ball is prepared from a tungsten carbide base hard alloy composed of a composition containing 0.5-10wt.% of one or more kind of carbides, nitrides and carbonitrides of metals belonging to the Groups 4a, 5a, 6a of the Periodic Table and 20wt.% or less of Co and also containing tungsten carbide and inevitable impurities as residual components. The ball may be a usual spherical ball but, when a ball having a shape wherein a ring-shaped projection 2 is provided to the outer periphery of a spherical part 1 is used, a raw material can be finely ground, stirred and mixed still more efficiently within a short time by the mutual action of the ring-shaped projection 2 and the spherical part 1.



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